

AMENDMENTS TO THE CLAIMS

1. (presently amended) A frame for an exercise bicycle for supporting a flywheel, a seat assembly and a handlebar assembly, said frame comprising:

a monoframe having an upper front end, a lower front end, and a rear end;
a set of forks; ~~[[and]]~~ wherein

~~[[wherein]]~~ said upper front end is attached to said forks, and said lower front end is in a fixed position relative to said forks to make a rigid structure~~[[.]]~~; and

a skin of said monoframe carries a major part of the stresses applied to said monoframe.

2. (Original) A frame as defined in claim 1, wherein:

said forks have a top end and a bottom end;
said upper front end is attached to said forks at or near said top end; and
said lower front end is attached to said forks at or near said bottom end.

3. (presently amended) A frame as defined in claim 1, wherein:

said upper front end is a continuation of said monoframe; and
said lower front end is a structural tube attached to said monoframe.

4. (Original) A frame as defined in claim 1, wherein:

said monoframe is a hollow body defined by two panels rigidly attached together and defining a space therebetween.

5. (Original) A frame as defined in claim 4, wherein:

said panels are formed of stamped steel.

6. (Original) A frame as defined in claim 4, wherein:

said panels are seam-welded together.

7. (Original) A frame as defined in claim 4, wherein said panels form a structural support portion of the frame.

8. (Original) A frame as defined in claim 2, wherein:

said lower front end is attached to a first plate;
said bottom end of said forks is attached to said first plate;

said first plate is supported on a front base;
said rear portion of said monoframe is attached to a second plate; and
said second plate is supported on a rear base.

9. (Original) A frame as defined in claim 2, wherein:
said monoframe has a shape defined by a central body and a first extension therefrom defined by said monoframe and forming a top tube.
10. (presently amended) An exercise bicycle frame comprising:
a monocoque frame member defining:
a rear support;
a top support extending generally forwardly and upwardly from the rear support; and
a seat support extending generally upwardly from the rear support, the seat support between the rear support and the top support[.];
a seat tube at least partially received within said seat support; and
a bottom tube connected to said seat tube at a connection point; wherein
said monocoque frame member encloses said connection point.
11. (Original) The exercise bicycle of claim 10 wherein the monocoque frame member includes a first side panel and a second side panel welded together and defining a partially hollow space therebetween.
12. (Original) The exercise bicycle of claim 10 wherein the rear support defines an upper convex wall.
13. (Original) The exercise bicycle of claim 12 wherein the rear support defines a lower concave wall.
14. (Original) The exercise bicycle of claim 13 further comprising a rear plate extending transversely from the rear support, the rear plate configured to laterally support the exercise bicycle frame.
15. (Original) The exercise bicycle of claim 14 wherein the upper convex wall is connected with the rear plate and the lower concave wall is connected with the rear plate.

16. (presently amended) The exercise bicycle of claim 11, further comprising a ~~[[the]]~~ bottom support extending ~~extends~~ generally forwardly from the rear support.

17. (Original) The exercise bicycle of claim 16 further comprising a front fork assembly connected with the bottom support and with the top support.

18. (Original) The exercise bicycle of claim 16 wherein the bottom support defines a concave bottom wall intersecting the lower concave wall of the rear support.

19. (Original) The exercise bicycle of claim 16 wherein the bottom support defines a top concave wall.

20. (Original) The exercise bicycle of claim 18 wherein the bottom concave wall intersects the top concave wall and defines a bottom tube aperture adjacent the intersection of the bottom concave wall and the top concave wall.

21. (presently amended) The exercise bicycle of claim 21 wherein the bottom support further comprises ~~[[a]]~~ the bottom tube.

22. (presently amended) The exercise bicycle of claim 20, further comprising:
a front fork assembly; wherein
the bottom tube is connected with the front fork assembly.

23. (Original) The exercise bicycle of claim 21 wherein the bottom tube is partially contained within the partially hollow space between the first side panel and the second side panel, and wherein the bottom tube extends generally forwardly and outwardly from the bottom tube aperture.

24. (Original) The exercise bicycle of claim 11 wherein the seat support defines a rear concave wall and a front concave wall.

25. (Original) The exercise bicycle of claim 24 wherein the rear concave wall intersects the front concave wall and defines a seat tube aperture adjacent the intersection of the rear concave wall and the front concave wall.

26. (Original) The exercise bicycle of claim 25 wherein the seat support further comprises a seat tube.

27. (Original) The exercise bicycle of claim 26 wherein the seat tube is partially contained within the partially hollow space between the first side panel and the second side panel, and wherein the seat tube extends generally upwardly and outwardly from the seat support aperture.

28. (presently amended) The exercise bicycle of claim 24 wherein:
the rear support further comprises an upper convex wall; and
the rear concave wall of the seat support intersects the upper convex wall of the rear support.

29. (Original) The exercise bicycle of claim 28 further comprising a bottom bracket connected with the seat tube, the bottom bracket configured to operably support a drive train.

30. (Original) The exercise bicycle of claim 29 wherein the first side panel defines a first bottom bracket aperture and the second side panel defines a second bottom bracket aperture, and wherein a portion of the bottom bracket is connected with at least one of the first and second bottom bracket apertures.

31. (Original) The exercise bicycle of claim 10 wherein the top support defines an upper convex surface.

32. (Original) The exercise bicycle of claim 31 wherein the top support defines a lower concave surface.

33-55. (canceled)